

REMARKS

Applicants have carefully reviewed the Office Action dated February 10, 2004. Claims 1-13 are pending in the Application. Claims 8-13 are withdrawn from consideration. Applicants have amended Claims 1-6 to more clearly point out the present inventive concept. Claim 7 has been canceled. Reconsideration and favorable action is respectfully requested.

During a telephone conversation with the Examiner on February 3, 2004, an election was made without traverse to prosecute the invention of Group I, Claims 1-7. Claims 8-13 are withdrawn from further prosecution in this application.

A new Abstract of the Disclosure has been provided which is believed to reflect the inventive feature of the claimed invention to distinguish over the prior art.

Claims 1-7 stand rejected under 35 U.S.C. §102(e) as being anticipated by *Cheung et al.*, U. S. Patent No. 6,262,594. This rejection is respectfully traversed with respect to the amended claims.

Applicants have further amended the claims to define an integrated circuit which has disposed thereon a processor and a reconfigurable interface for interfacing with the I/O pins. Additionally, configuration information is stored in and on-chip memory, which on-chip memory is non-volatile and the configuration information stored therein is able to be altered. The *Cheung et al.* reference illustrates only on-chip memory. This prevents a manufacturer from shipping an integrated circuit that has pre-configuration information stored therein such that the functionality of the chip is defined at the time of shipping. The *Cheung et al.* reference discloses off-chip memory, but it also requires programming after shipping of the chip and after assembly thereof. As such, Applicants believe that Claims 1-7 are not anticipated by *Cheung et al.* and, therefore, respectfully request the withdrawal of the 35 U.S.C 102(e) rejection with respect Claims 1-7.

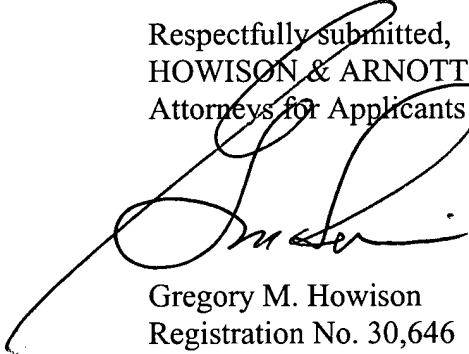
AMENDMENT AND RESPONSE

S/N 09/885,459

Atty. Dkt. No. CYGL-25,768

Applicants have now made an earnest attempt in order to place this case in condition for allowance. For the reasons stated above, Applicants respectfully request full allowance of the claims as amended. Please charge any additional fees or deficiencies in fees or credit any overpayment to Deposit Account No. 20-0780/CYGL-25,768 of HOWISON & ARNOTT, L.L.P.

Respectfully submitted,
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Attorneys for Applicants

A handwritten signature in black ink, appearing to read 'Gregory M. Howison', is written over the typed name and registration number.

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